BUGERA BC30-212

Boutique-Style 30-Watt Class-A Valve Combo with Valve Rectifier

Guitar Amplifiers

- Hand-built 30-Watt Class-A guitar combo driven by 4 x EL84 valves
- Mind-blowing distortion with terrifying punch and breathtaking vintage clean that breathes with headroom
- True valve rectifier gives you the flexibility of using one 5AR4 for a explosive attack or two 5U4s (not included) for a smooth and round response
- Channel 1 features two 12AX7s creating a parallel triode circuit and an interactive EQ with amazing responsiveness
- Channel 2 sports a high gain channel based on a specially selected 12AX7 valve coupled to a 6-position tone switch
- Power amp section features a Cut control for rolling off the high end plus a Master volume control
- Power switch reduces output power to 15 Watts for more sound variation
- Speaker Reverse switch reverses the direction of the speaker to influence the amount of distorted sound
- Each channel offers an independent effects loop
- Illuminated front panel and logo for a super cool look
- Impedance switch (4, 8 and 16 Ohms) to match virtually any speaker cabinet
- High-quality components and exceptionally rugged construction ensure long life

THE SOUL OF VALVES Bugera

The BC30-212 is a musical instrument unto itself; it's the complement your guitar has always lacked, and the extra band member you've always needed. That's because unlike most amps, the BC30-212 actually communicates with you and your guitar, responding to the subtle characteristics of your playing technique and giving your creativity a voice all its own.

It's a concept that forced us to concentrate on the essence of tone and dynamics. As is often the case, it is the simple, straightforward design, combined with the most refined components available, which yields the highest fidelity and most dynamic response. In the end, we succeeded in creating an amp that will change how you play and perfect your sound.

The power amp section features four EL84 valves, the highly reactive, breakup-prone secret to the sound that made England's finest amps (and guitarists) world famous. With the simple flick of a switch, you can choose two EL84's (15 W) or all four (30 W), giving the BC30-212 the power to restrain volume for smaller venues, or peel the paint off the walls in larger rooms.

In short, the BC30-212 thinks the way you do. And in true BUGERA fashion, it offers you a multitude of ways to customize its voice to meet your sonic tastes.

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The Amp That Speaks Your Language

The BC30-212 is the ultimate in tonal purity. The preamp conditions your signal then lets the power amp and speakers have their way with it. The amp becomes an extension of your guitar and your fingers - no channel switches or signal boosting devices to change the tone. Instead, you control the amp from the guitar; your dynamic nuances, picking technique, pickups, volume control, and tone knobs determine the sound you hear. Pick gently for crystal-clear clean tones. Pick hard, and you'll be rewarded with bone-shattering crunch. It's that simple.

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Features

Get Rectified

The power amp works hand-in-hand with the BC30-212's all-valve rectifier to give you natural compression and sustain not available from solid-state rectifiers. Put simply, a rectifier converts the Alternating Current (AC) entering your amp into the Direct Current (DC) it needs. Most modern amps have silicon-based rectifiers that quickly convert the current, so when you strum a power chord, it bursts out big and loud, then decays. But a valve rectifier converts current at a slower rate, which means when you hit that same huge chord, you still get that powerful response, but the notes naturally compress and sustain much longer.

The kind of rectifier you choose has a lot to do with your sound. That's why we provide two options on the BC30-212: use a single 5AR4 rectifier to deliver bigger-than-life stadium rock; or plug in a pair of 5U4's (not included) for a smoother, more-buttery sound.

Two Degrees of Saturation

The rectifier and power amp are the BC30-212's heart and soul, respectively, but the preamp works to predispose your sound to cleanliness or high-gain grind. When you're at your job and your workload is too heavy, you probably get a bit angry and likely do a little (or a lot of) griping. Valves work in much the same manner, except when one of them is overworked, the sound they make is often perceived as "totally kick-ass" instead of "bitching and moaning."

Bearing that in mind, BC30-212's first channel holds a pair of 12AX7s, the V1 stage of which creates a parallel triode circuit. More tubes share the workload, so the signal it conditions is tamer. Channel 2, on the other hand, holds a single ECC83A valve that works in a cascading dual-triode configuration. The accompanying 6-position tone switch allows you to dial-in a tone that can become beautifully disgruntled (or high-gain, in amp-speak) in a hurry.

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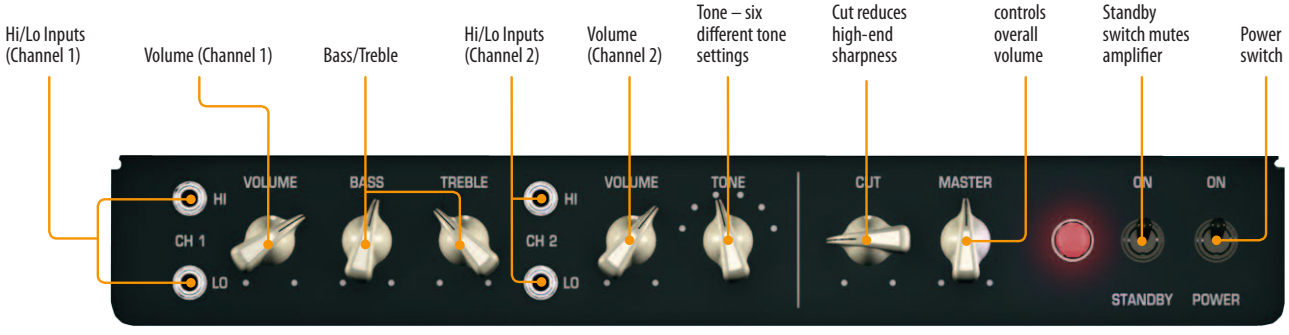
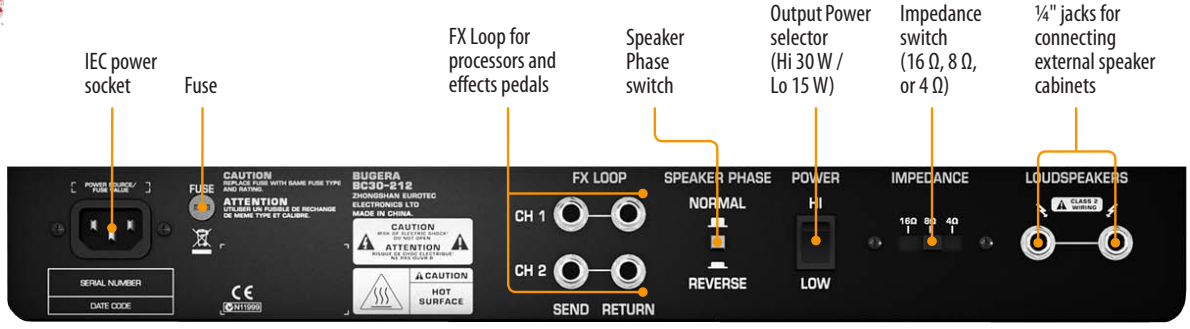
Front Panel



Rear Panel



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Hook-up

Both channels feature their own effects loop. You can also use these loops to create a virtual third channel. By using a short ¼" instrument cable to patch the Channel 2 Effects Send into the Channel 1 Input, you can take advantage of increased gain and use the Channel 2 tone control to govern the sound.

Whichever Speaker You Seek…

Another feature unique to the BC30-212 is its two different 12" BUGERA speakers. One, the 12G100B8, creates a high-sensitivity, in-your-face sound. We went to considerable lengths in our quest for tone, tweaking the suspensions, cone shape, and even optimizing the pulp from which the cone is made. We did all this at our in-house speaker plant, achieving the most mature and fullest guitar sound possible, which definitely possesses hair-raising bark. The other speaker, a 12G80A8, is slightly less sensitive, but with a warm, round low-end and clear midrange. Individually, these speakers can easily hold their own against the most highly acclaimed speakers on the market. Together, they create a tonal balance that is unsurpassed.

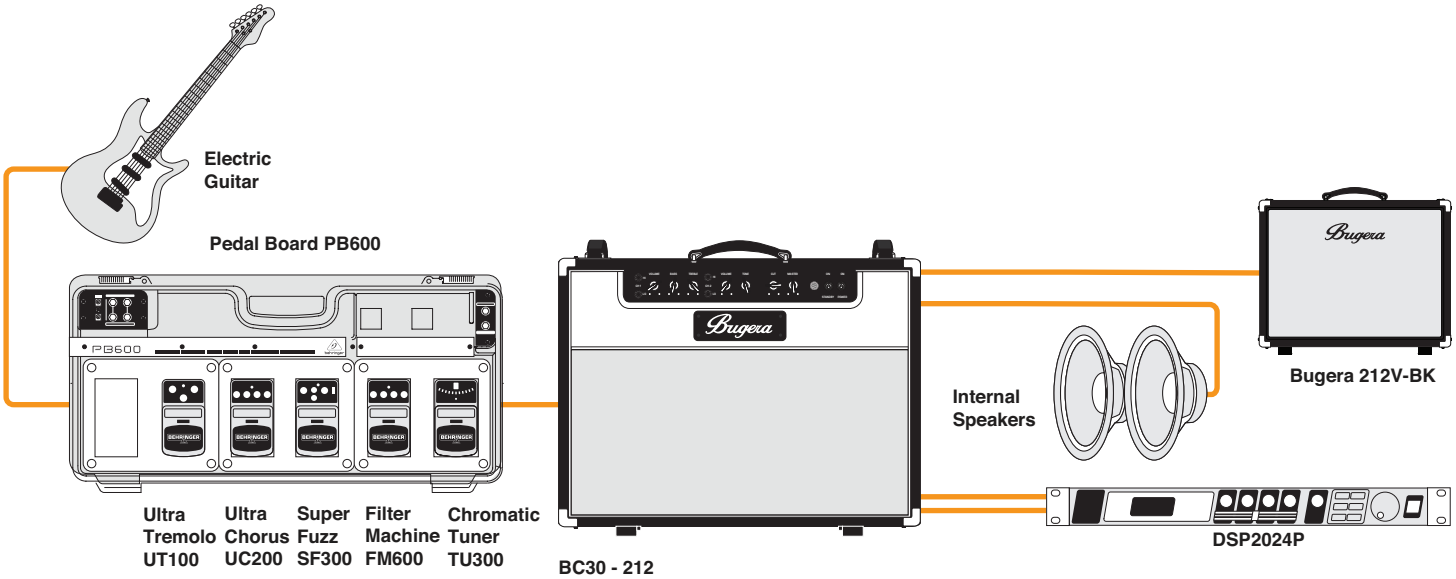
In addition to sounding great on stage, this configuration offers tons of flexibility to sound engineers both in recording studios and for live performance applications. And if you need to use additional speaker cabinets, the Impedance switch can be set to 4, 8 or 16 Ohms, making it compatible with virtually any speaker cabinet on Earth.

Titanic Tone, Well Within Reach

An amp with as much intuitive ability as the BUGERA BC30-212 would normally cost you about as much as a car! But because we believe all musicians should have access to this caliber of equipment, we've managed to create a sophisticated, beautifully voiced and durable instrument that will leave you with more than enough gas money to get to your next gig.

Plug into a BC30-212 and create a sound that's thoroughly your own.

Standard Setup with FX Loop and Extension Cabinet



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PREAMP Valves

Channel 1

Type	1 X 12AX7A, 1 X 12AX7B
Circuit	Parallel triode input configuration

Channel 2

Type	1 X ECC83A
Circuit	Serial triode input configuration

INSTRUMENT INPUTS

Channel 1

HI

Gain	0 dB
Impedance	1 MΩ
Input	¼" TS jack, unbalanced

LO

Gain	-6 dB
Impedance	136 kΩ
Input	¼" TS jack, unbalanced

Channel 2

HI

Gain	0 dB
Impedance	1 MΩ
Input	¼" TS jack, unbalanced

LO

Gain	-6 dB
Impedance	136 kΩ
Input	¼" TS jack, unbalanced

CONTROLS

Channel 1

Equalization	Passive 2-band tone stack
(Bass, Treble)	

Channel 2

Equalization	Passive 6-way Tone switch 1st order HP filter (17 Hz, 40 Hz, 88 Hz, 125 Hz, 340 Hz, 500 Hz)

Effects Send

Channel 1

Impedance	36 kΩ
Output level	Peak voltage +34 dBV
Output	¼" TS jack, unbalanced

Channel 2

Impedance	1 kΩ
Output level	Peak voltage +22 dBV
Output	¼" TS jack, unbalanced

Effects Return

Channel 1

Impedance	>200 kΩ
Input level	Peak voltage +34 dBV
Input	¼" TS jack, unbalanced

Channel 2

Impedance	68 kΩ
Input level	Peak voltage +22 dBV
Input	¼" TS jack, unbalanced

POWER AMP Valves

Type	1 X 12AX7, phase splitter 1 X 5AR4 or 2 X 5V4G, rectifier 4 X EL84, Class A power stage

Output Power

Peak power	30/15 W switchable @ 16 / 8 / 4 Ω

Loudspeaker Connectors

Type	¼" TS jack, unbalanced
Load impedance	4 Ω / 8 Ω / 16 Ω (switchable)
Speaker phase	Normal / Reverse (switchable)

Controls

Cut	Adjustable 1st order Hi-cut filter (depends on Master)
Master control	Post phase-splitter master volume

Speakers

Type	2 X 12" internal speakers (1 X BUGERA 12G100B8; 1 X BUGERA 12G80A8)

POWER SUPPLY

Power Consumption	max. 180 W

Mains Voltage/Fuse

100 - 120 V~ (50/60 Hz)	T 3.15 A H 250 V
220 - 230 V~ (50/60 Hz)	T 1.6 A H 250 V
Mains Connector	Standard IEC receptacle

DIMENSIONS/WEIGHT

Dimensions (H x W x D)	20.4 x 27.0 x 10.8" 520 x 687 x 275 mm
Weight	73.0 lbs / 33.1 kg

We are constantly striving to maintain the highest professional standards. As a result of these efforts, modifications may be made from time to time to existing products without prior notice. Specifications and appearance may differ from those listed or illustrated.

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